

ABSTRACT OF THE DISCLOSURE

When a recording medium is mounted in a DVD player, the kind of the recording medium is presumed by detecting the number of recording surfaces and a reflection factor from the output of an optical pick-up, a parameter of a servo control means is set to a parameter of the presumed kind of recording medium (S11) and reading from the recording medium is tried (S12). As a result, in case that the data is readable, the kind of the recording medium is specified (S13). On the other hand, in case that the data is not readable, the parameter of the servo control means is sequentially set to parameters of other kinds of recording mediums (S14, 17), and reading is tried for each setting (S15, 18), whereby the kind of the recording medium is specified (S16, 19).